THE TECH

VOL. XXVIII. NO. 63 BOSTON, MASS., WEDNESDAY, MARCH 31, 1909 PRICE THREE CENTS

1911 TECHNIQUE ELECTORS PICKED

Result of Election of the Electoral Committee Announced

SALISBURY TOPS LIST

Parker, Cooley, Copeland, Denison Kimball, Van Tassel, Kerr Next Seven

WILLIAM CONYNE SALISBURY.
THEODORE BISSELL PARKER.
LLOYD CARTWRIGHT COOLEY.
STUART BROWN COPELAND.
ORVILLE BOARDMAN DENISON.
SCOTT PRESCOTT KIMBALL.
EDWARD DEMMING VAN TASSEL.
CHARLES PHILLIPS KERR.
PETER DESMOND WHITE.
HOWARD DAVID WILLIAMS.
LAWRENCE GLEASON ODELL.
DONALD READ STEVENS.
JOSEPH CHEEVER FULLER.
RICHARD HOWLAND RANGER.
CALVIN POWELL ELDRED.
CHARLES FOSTER HOBSON.
EDWARD AVERY NASH.
WELLESLEY JOSEPH SELIGMAN.
CHARLES HUDSON MERRILL.
HAROLD MARTIN DAVIS.
JOHN LAVELLE McALLEN.
RICHARD HARTSHORN GOULD.
HUBERT STACY SMITH.
FRANK ASAHEL WOOD.
ROBERT ODIONRNE WOOD.

Returns from the election to the 1911 Technique Electoral Committee were received last night. By virtue of having paid all class dues to date 191 men in the class were entitled to vote on the electoral committee ballot. Of these 145 ballots were returned and 140 were counted. Five were thrown out on account of having 26 or more checks on the list.

The highest vote easily went to President W. C. Salisbury who polled 108 counts. T. B. Parker, the class vice-president, and well known as a basket ball, tennis and base ball player, made a good second with 95 votes. L. C. Cooley, manager of the class relay team and director of the class was third with 90 points, while S. B. Copeland, the class treasurer was close at his heels with 82 votes. O. B. Denison, member of the Tech board and of Tech Show fame was the next man and pulled a vote from 72 men.

The other men elected to the committee received votes as follows: S. P. Kimball 71, E. D. Van Tassell, Jr. 68. C. P. Kerr and P. D. White were tied with 62 each. H. D. Williams 60, L. G. Odell and D. R. Stevens were tied with 59 each, J. C. Fuller 58, R. H. Ranger 55, C. P. Eldred 51. C. F. Hobson 49, E. A. Nash and W. J. Seligman tied with 48, C. H. S. Merrill 45, H. M. Davis 44, J. L. McAllen 43, R. H. Gould 40. H. S. Smith, F. A. Wood and R. O. Wood were all tied with 38 votes.

The men who received over 20 votes and did not make the committee are published below:

N.DeForest 34, K. Faunce 34, M. A. Grossman 33, K. Barr 32. D. C. Bakewell 32, H. C. Davis 32, K. Greenleaf 32, G. B. Wilkes 32, J. D. Mackenzie 31, M. Coffin 28. W. W. Warner 27, J. A. Bigelow 26, G. B. Curwen 26. W. D. Allen 24, C. R. Johnson 24. C. T. Morey 24. D. N. Frazier 23, I. W. Wilson 23, W. C. West 22. T. H. Haines 21, H. G. Jenks 21. J. Scoville 21, A. W. Underhill, Jr. 21. J. K. Campbell 20, L. G. Fitzherbert 20.

The first meeting of the committee will be held Tuesday, April 6, in the Union.

A meeting of the Board of Directors of the Class of 1911 will be held in the Union at 1 P. M. tomorrow to elect a member of the A. A. Although this is a meeting of the Directors, all members

(Continued on page 4.)

DUAL GYMNASTIC MEET TONIGHT

Tech Team Faces B.Y.M.C.A. Aggregation on Their Own Floor

MANY NEW STUNTS

Marked Features in Horizontal and Parallel Bar Work—Open Meet

Tonight at eight o'clock in the Boston Y. M. C. A. the Tech gym team will meet the Y. M. C. A. team in a dual gymnastic exhibition. The Tech team will be made up of: R. L. Carey, 1909; R. C. Jacobs, 1910; A. Hague, 1910; C. W. Wilson, 1910; H. S. Gott, 1910; W. D. Allen, 1911; J. F. Alter, 1911 and S. H. Seelye, 1912.

A number of new stunts will be performed. On the high horizontal bar Allen and Gott will do the back and front giant swing with fly away. The parallel bar work will be taken care of by Seelye, Gott and Hague. The latter will attempt one of the most difficult of all stunts, the hand stand walk with reverse and one arm stand. Hague will also do the tumbling and mat work together with Wilson and Jacobs. Gott, Allen and Jacobs will perform on the rings and Cary and Alter on the horse. Benzie, the crack gymast who was recently sent to New York, will probably star for the Y. M. C. A. team.

The Tech team receives a remuneration for its work and is to be entertained by the Y. M. C. A. at the close of the exhibition.

Those who intend to enter the open prize gymnastic meet at the gym on April 5, will have a good opportunity to get a line on some of the new stunts. This April 5 meet will close the gymnastic season. It is open to all members of the Institute and will include as a special feature a prize boxing contest. This is in charge of H. D. Billings, 1910. All entries should be in by next Saturday, April 3. The entry fee is ten cents.

ELECTRICAL NOTES

Institute Professors Make Test on Turbines at West Lynn

Professors E. F. Miller and H. E. Clifford have completed an acceptance test upon a Curtis Turbine at the West Lynn works of the General Electric Company. This turbine which is rated at 600 H. P. and 1800 R. P. M. is one of twelve which are being built by the General Electric Company for the city of San Francisco for use with centrifugal pumps in the city's fire-boats and in the new high-pressure fire-service.

Mr. O. S. Jennings, M. I. T. 1908, has since February first occupied the position of assistant in the Standardizing Laboratory while Mr. H. L. Burgess, 1908, has occupied a similar position in the Electrical Engineering Laboratory.

Three new three-phase oscillographs designed by Prof. F. A. Laws and constructed at the Institute are now in the process of erection in the Standardizing Laboratory.

CATHOLIC CLUC MEETING

A meeting of the Catholic Club was held in the Union last night. The Rev. Slechy of St. John Seminary, Brighton, gave o most interesting and instructive address on the Darwinian Theory. He discussed the question with some regard to its reconciliation with religion.

All who have attended any of the Thursday evening talks by Dr. Mann are asked to be at Dr. Mann's house, northeast corner of Newbury and Clarendon, at 7.30 tomorrow evening, to decide what will be done next year.

1911 CLASS MEETING ASSESSMENT LEVIED

Nominations for Institute Committee to be in Saturday

DIRECTORS ELECT MEN

Vacant Positions to be Filled at Open Meeting of Directors of Class

A meeting of the class of 1911 was called in Huntington Hall on Monday at one o'clock, with but few members present. The meeting was called to order. President Salisbury first spoke of the necessity of levying an assessment of twenty-five cents. Although in a previous meeting he was empowered to levy an assessment, of fifty cents, in case all men pay twenty-five cents, it will be sufficient.

The primary object of the meeting was to determine what method was to be pursued in the election of a man to fill the vacancy on the Athletic Association, due to the resignation of G. A. Cowee, the nominations for this position being already closed. At the same time provision was to be made for the nomination and election to the Institute Committee owing to D. R. Stevens' resignation.

It was suggested that the directors elect men to fill these positions, thus avoiding the cost necessary for the printing and marking of ballots to each member of the class, and also the delay entailed. Several objections were made to this arrangement. It was felt by many that the elections thus made would not represent the real desire of the class, also that it would in a way establish an undesirable precedent. On the other hand, since there may be but two more meetings of the Athletic Association, some thought the printing and mailing of separate ballots an unnecessary and uncalled-for extravagance, as well as a useless waste of time.

The motion as finally passed was as follows: Nominations for the Institute Committee be made from the class at large,—these nominations shall be signed by ten members of the class, the directors at some stated meeting, to be thrown open to the class, shall elect a man from these nominations to fill the vacancy on the Institute Committee, at the same time they shall elect a man to the Athletic Association from those nominations already in.

Nominations for the Institute Committee will be closed on Saturday, April 3, at noon.

SAVILLE WILL SPEAK

Dinner of Biological Society to be at Technology Club

Mr. Charles A. Saville 1906, will speak at the dinner of the Biological Society, to be held tommorrow evening, at 6.30, at the Technology Club, on the Engineering Work of the Massachusetts State Board of Health. This work includes the subjects of water supplies and sewage disposal and other matters in which engineering unites with bacteriology to protect the public health. Mr. Saville is well qualified to handle this subject, as he is assistant to the chief engineer of the Board, and thoroughly conversant with all the work it is doing. This talk, in addition to being interesting to the biologists, should be especially interesting to the sanitary engineers, as it is directly in line with their future work, Mr. Saville himself having graduated from course XI. For this reason, it is expected that there will be a larger attendance at the dinner than usual. In addition to Mr. Saville's talk, there will probably be some informal speaking by members of the Society.

BERTIN TO GIVE LECTURES SOON

Naval Architects' Course Given During Week of April 11

LECTURES IN FRENCH

Bertin Coming to This Country Especially for These Four Lectures

Mon E. L. Bertin, chief constructor, retired, of the French navy will give his special lectures to the naval architects during the week of April 11. There will be four lectures in all; the first, Monday, April 12, on "The Rolling of a Ship Among Waves;" the second, Tuesday, April 13, on "The Stability of Ships after Injury;" the third, Thursday, April 15, on "Manoeuvering Ships," and the last, Friday, April 16, on "The Development of Modern Steamships, especially of the Compagnie General Transatlantique." These will all be held at 4 P. M. The room has not yet been decided upon but it will be announced later. These lectures are given for the benefit of the naval architects of course XIII and XIIIa, but all who are interested in the subjects are cordially invited to attend.

The lectures will be given in French, but for the benefit of those who are not able to understand the spoken language as well as the written, typewritten copies will be distributed to all attending these lectures. In addition, the necessary diagrams and illustrations for each lecture have been printed and will be given to those who wish to keep them for future reference.

Every year special lectures in some department of the Institute are given, and this year the department of naval architecture was fortunate in securing Mon E. L. Bertin to give these lectures. Mon. Bertin is a member of Institute de France, an officer of the Legion of Honor, first rank, and was formerly Director de l'Ecole d'Application du Genie Maritime. He is the leading expert and scientist of the French navy and is universally known for his work in the field of naval architecture. He has designed a number of notable warships, both French and foreign, besides numerous merchant vessels. Recently he has taken up the subject of submarines and is now devoting his attention to their design. Mon. Bertin is making the voyage here especially to give these lectures.

He will arrive the end of the week preceding the lectures and will return to France the week following them. He has been to America before and is familiar with Boston.

ALUMNI NOTES

The Technology Club of New York city held its last smoker in the present club house, March 27. Prof. Chas. M. Spofford of the Brooklyn Polytechnic Institute, recently appointed Hayward professor of civil engineering at Technology, gave an illustrated lecture on "Making of Structural Steel."

The annual reception and dance will be held at the Waldorf Astoria hotel, April 16. Dr. and Mrs. Maclaurin will be the guests of the evening.

CALENDAR

THURSDAY, APRIL 1.

1.00 P. M.—1911 Directors in Union.
4.15 P. M.—Glee Club Rehearsal.
8.00 P. M.—Biological Society at Technology Club.

FRIDAY, APRIL 2.

4.15 P. M.—Mandolin Club Rehearsal.

THE TECH

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Wednesday, March 31, 1909.

A WORD TO 1911

In the selection of twenty-five members to the 1911 Technique Electoral Committee, the Sophomore class has taken the first important step toward the publication of the annual which must be excellent if it is to maintain the standard set for years, and remarkably so if it is to deserve the ranking of first, which 1911 will desire and expect.

The members of this committee are responsible for the success of next year's book. Their work is not hard but it is important, and every man elected should feel that it is his personal duty to learn all he can about every step he is asked to take and to use his best judgment whenever any judgment is called for. Technique represents the Institute to a great many people outside, so that it must be as creditable as possible from the literary and social points of view. Its financial success depends on the choice of able and fit men to the board of editors. The result of the committee's work will be of importance to both Institute and class.

TECHNIQUE ATTENTION !

The Tech is out for gore! It fairly thirsts for blood. If Technique 1910 has a chip which it is desirous of hav- has knocked off its shoulder. The Tech feels capable of doing that same. The Tech does not seek to enjoin Technique as containing any nasty articles which might spoil The Tech's reputation. The Tech knows that this is impossible. All possible things have been said in this direction. And The Tech's feelings remain unhurt!

The Tech merely desires to challenge the illustrious board of Technique, 1910, to a game of base ball to be played at the Field upon any date when Technique feels ready to enter the lists. The Tech makes no stipulations other than that it shall be an understood fact that both teams shall confine themselves strictly to home talent and refrain from hiring any ringers of a professional nature.

The Tech suggests making the game a society affair and is willing to make partial arrangements for having tea and lady-fingers served upon the grounds. Players who wish to invite lady guests must also furnish chaperones, and to this end some arrangement would be necessary whereby the use of slang and all unnecessarily rough play should be ommitted. Whether it would become necessary to play the game in dress suits is a minor point which may be settled at some later date.

For umpire The Tech has no particular preference, but would suggest Dean Burton, Bursar Rand or someone who has a slight knowledge of our national sport.

With these few well-chosen words, then, The Tech hurls a bomb of defiance at her contemporaries on Technique and awaits with dripping jaws an opportunity to pounce upon her rivals and once again prove her superiority with the leather pill and the big stick.

COMMUNICATIONS

HARE AND HOUND RUNS

Editor of The Tech:

There has been an opinion expressed among some of the fellows, mostly Freshmen, I think, that the track management caanot expect everyone to attend the hare and hounds run each week. The reason is given that many of the men cannot afford the necessary 25 cents for the Saturday runs. This may be a valid excuse for some men, but I think everyone who attends these runs gets his money's worth, and those who can't go on the Saturday runs certainly ought to be able to get to the Field at least once a week. If 10 cents a trip is too much to spend for an afternoon's pleasure, it is only about half an hour's walk to the Field.

The Saturday hare and hounds runs are not a money-making scheme. Tickets for 25 rides on the railroada are bought by the chase-captain, and sold for less than the regular fare to the men. It does usually happen that two or three cents is made from each man where he saves four or five cents. This profit all goes for printing and other expenses incident to the hare and hounds runs.

J. N. Stephenson, 1909.

P. S. Every man at the Institute should get out in the fresh air at least once a week, and athletics will give him the most fun.

SEATS FOR THE SHOW

The distribution of seats for the Boston performances of the Tech show has become of late years a very serious problem. Much dissatisfaction has been felt among the students and the management has come in for considerable unfair and unjust criticises, The criticism has been that Juniors and Seniors have been unable to obtain good seats, and under classes have been favored. The student body is itself responsible for this condition of affairs.

It has become the practice of students to use the application of men in a higher class and what is worse perhaps, upper classmen and even members of the faculty have felt free to obtain seats for men in a lower class.

As a result a majority of applications has been in the first three classes and it is safe to say that the majority of the men using these applications did not rightfully belong in these classes. It often happens that a freshman using the application of a senior, obtains better seats than a senior using his own application for it should be remembered that all seats are assigned by lot. The cards in each class are shuffled, turned face down and then drawn out one at a time for assignment. It is wholly a matter of chance whether any one man comes first of his class or last.

Naturally if the class is overcrowded all can not obtain the seats applied for and it is just as likely that a man using his own applicatioin will be disappointed as it is that a man using the application of another will not obtain the seats he desires. Every man ob-

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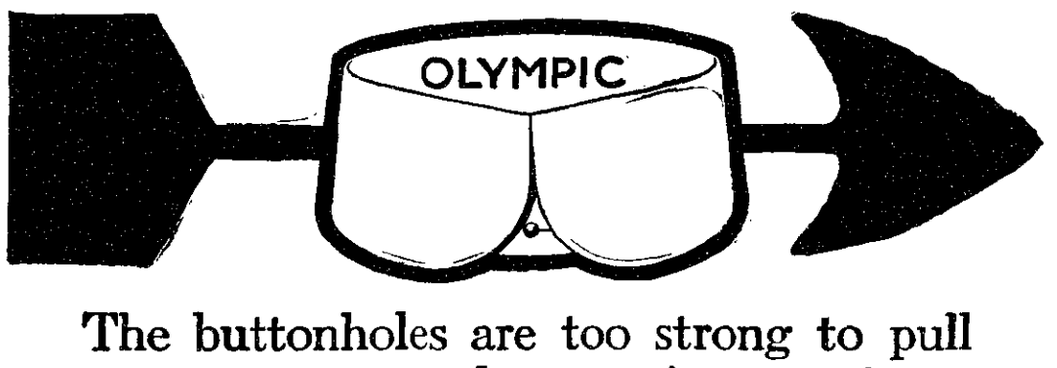

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83 NEWBURY STREET, BOSTON

The Review aims to develop closer relations among Institute men and to stimulate their interest in the work of the College. It is in no sense an engineering magazine, but deals broadly with the problems of Technological Education and the responsibilities of the professional man.

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taining seats on the application of a man in the class above him reduces the chances of the rightful members of that class by the number of seats he obtains.

To reduce the application in any one class to the men who rightfully deserve the privilege of that class, the management has emphasized the point that anyone transferring his seats to another or that anyone using the seats assigned another will thereafter be denied the right of obtaining seats by application.

The management intends to be very strict in this particular and will keep a record of all seats assigned and make a list of men violating the rules governing the distribution of seats. This list will be given to the management of next year's show.

Applications were mailed to all students and officers of instruction, Monday, March 29th. Anyone who has not received application cards may do so by calling at the show office in the Union. All applications must be in by Saturday, April 3, at 6 P. M.

GARNETT A. JOSLIN,
General Manager.

TALBOT AT LUDLOW

Gave an Illustrated Lecture on Chemistry Last Evening

Professor Talbot gave an informal, popular lecture on "Chemistry and What It Tells Us" before the Ludlow Athletic and Recreation Association, at the Stevens Memorial Building, Ludlow, Mass., on Tuesday evening, March 30. The association is connected with the Ludlow Manufacturing Associates plant, and its membership includes employees at the plant and their families. The lecture was illustrated by a considerable number of experiments, and dealt mainly with the interpretation of familiar phenomena, such as those of combustion, in simple chemical terms.

1912 BASEBALL STARTS

First Practice at Field Brings Out a Large Number

Candidates for the freshman baseball team reported at the field yesterday afternoon for the first time. Eighteen men showed up, which is better than the average for the first practice. Light work was run off, just enough to familiarize the men with the sphere. Considerable enthusiasm was manifested in the work, and all the men out showed up well.

The field was not in first-class condition, being a little soft for any fast work. However it is being improved daily, and will soon be in prime condition for the regular baseball practise.

1912 is to be congratulated upon the support the baseball team is receiving at the start. It is only hoped that more men will present themselves at the regular pratice work, and make a hard try for positions on the team. The way things have started out and the energy and class spirit shown among the whole freshman class is a strong guarantee that a winning baseball team will be turned out this year.

Since the publication of the schedule the following new games have been booked:

April 9—West Roxbury High School.
May 16—Newton High School.
May 22—Thayer Academy.
May 26—Hyde Park.

C. E. SOCIETY SCHEDULE

On April 7, in 11 Engineering B, Mr. J. A. Drogee of the Providence Division of the N. Y., N. H. & Hartford, will address the C. E. Society on the subject of New England Transportation Problems. After the address a stand-up lunch will be served in the Union. The talk will begin at 7.00 P. M.

On April 17 Dean Burton will tell about the summer school in Civil Engineering. This talk will be illustrated by lantern slides of former schools.

On April 28, Mr. Frederick S. Greene is to speak to the members of courses I and IV on "Waterproofing." This talk also will be illustrated by some very interesting slides.

On April 28, the annual meeting will occur.

On May 5th, the annual dinner will take place. A list of the speakers will appear later.

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147 MILK STREET - - BOSTON, MASSACHUSETTS

TECHNIQUE ELECTORS

(Continued from page 1.)

of the class are urged to be present.

Nominations for a new member of the Institute Committee are open, and papers are signed by ten men may be left at the Cage until 12 o'clock Saturday.

SUBMARINE LECTURE

The United States submarine Octupus, with her submerged speed of 10 knots and surface speed of 11 knots, compares favorably with the boats of this type now in use by any nation on the face of the globe," said Mason S. Chace of the Ecole d'Application du Genie Maritime, Paris, yesterday afternoon to the members of the naval architectural department.

Contrary to the opinion generally expressed, the speaker declared that France had gone backward in this respect during the last few years, and is now outstripped in the building of submarines of a high type by England, Italy, and the United States. As far as efficiency is concerned, the British craft are the best, as they have attained a speed of 16 knots on the surface, and 10 under water. Italy has a type of submarines that has reached a speed of 15 knots on the surface, but they can only go to 8 submerged.

"To attain high speed, and thus compete with the battleship on the high seas," said the speaker, "two things must be done. The displacement must be increased, and the engines must be made lighter. When these improvements are made, and not before, will the submarine serve the purpose for which it primarily is intended."

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CHESS CLUB MEETING

At a meeting of the Chess Club, yesterday noon, it was decided to hold a tournament, a prize consisting of a set of chess, to be awarded the winner.

A simultaneous tournament will be held April 10, a week from Saturday, in which A. S. Sussman, champion of New England will play all Tech men who care to join in the match.

It was voted to levy an assessment of twenty-five cents.

FACULTY NOTICES

FORGING AND CHIPPING AND FILING.—Exercises for the second ha.f of the term will begin on Thursday, April 1st.

NOTICES

Freshman and sophomore cross-country men report at field for work on Thursday. M 31

TECHNOLOGY PRESS ASSOCIATION.—Meeting at 1 P. M. tomorrow in Room A, Union. M 31.

BULLETIN BOARDS—Will the users of the boards kindly refrain from using glue, and confine themselves to tacks.

BIBLE CLASS.—Bible Class, led by Mr. Allan A. Stockdale, meets at the Union tomorrow (Thursday) at 6.15 P. M. All welcome.

MUSICAL CLUBS.—Concert at Natick Friday, April 2. Meet at Trinity Place at 6.10 P. M. All men who wish to be on the stage at Spring concert must be present. M 31

CLASSIFIED ADS

Advertisements under this head are inserted at the rate of five cents a line of six words, payable in advance, and copy should be handed to the business manager the morning before publication day.

TO RENT.—Small steam heated room with gas on upper floor, $1.50 per week. Apply at Suite two, 163 Huntington Ave. J 6

A. D. KEABLES.—Call at The Tech office for your lost notes on Machinery.

WANTED.—One thousand men with money enough to buy a Tech Show poster. Fussers solicited.

WANTED.—Copy of Pirrson's Geology. Leave note at the Cage for Glazier, 1911.

BE QUICK!—And engage A. Thode's string-reed orchestra for your fraternity, club, or society teas, smokers, and receptions during Junior week before all his dates are filled. A 2.

Will the person who "borrowed" an umbrella last Thursday evening kindly return same to The Tech office. No questions will be asked. The thing desired is the umbrella.

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